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(72) Inventors; and

(75) Inventors/Applicants (for US only): ABDOU, Mohamed [CA/US]; 16 Masters Way, Chadds Ford, PA 19317 (US). XIE, Tuyu [CA/CA]; 944 Nottinghill Avenue, Kingston, Ontario K7P 2B8 (CA). ANDRIN, Peter [CA/CA]; 34 Sarah Street, Napanee, Ontario K7R 3X4 (CA).

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(74) Agent: FICKES, Daphne, P.; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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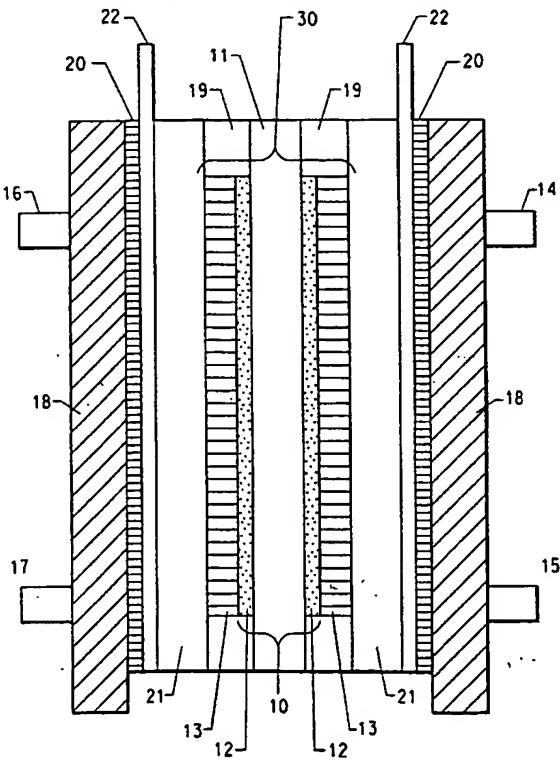
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(71) Applicants (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). KUMAR,

(54) Title: METHOD FOR REGENERATION OF PERFORMANCE IN A FUEL CELL



(57) Abstract: A process for improved performance in at least one fuel cell, having a loss in power output of at least 5 % of an initial power output, wherein the fuel cell comprises a cathode, an anode, an anode chamber, a cathode chamber, a fuel comprising an anolyte that flows through the cell, and a catholyte gas, wherein the fuel cell is connected to an external load, and wherein the process includes the steps of taking the load off the fuel cell; and applying an external electric field from an external power source to the fuel cell to reverse electrochemical reactions until at least 5 % of the lost power output is regained. Purging the fuel cell further enhances regeneration of the cell.

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